Index of Claims



Application/Control No.

10/018,584

Examiner

Mark A. Mais

Applicant(s)/Patent under Reexamination

RAITOLA, MIKA Art Unit

2664

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| · | Postricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | Date  |                                       |          |          |          |  |  |                |  |          |
|----------|---|---------------------------------------|----------|----------|----------|--|--|----------------|--|----------|
| Final    | Original  | 3/3/06                                |          |          |          |  |  |                |  |          |
|          | 1   | 1                                     | Т        | Г        |          | T  |  |                | $\vdash$   | $\vdash$ |
|          | 2   | 1                                     |          |          | $\top$   | $\vdash$   | Τ  | t              | İТ   | T        |
|          | 3   | 1                                     |          | Г        |          |  |  |                |  |          |
|          | 4   |                                       |          | Г        | П        |  |  |                |  |          |
|          | 5   | 1                                     |          |          |          |  |  |                |  |          |
|          | 6   | 1                                     |          |          |          |  |  |                |  |          |
| <u></u>  | 7   |                                       | Ĺ        |          |          |  |  |                |  |          |
|          | 8   | 1                                     | L        |          | L        |  | L  |                | L.   |          |
|          | 9   | 1                                     |          | _        | _        | _  | L  | <u> </u>       | <u> </u>   | Щ        |
|          | 10  | 1                                     | _        | _        | _        | ┞  | ╙  | ļ              | <u> </u>   | <u> </u> |
| -        | 11  | 1                                     | _        |          | _        | <u> </u>   | ┞-   | <u> </u>       | <u> </u>   | _        |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | 1                                     | ├—       | <u> </u> | <u> </u> | <b>├</b>   | <u> </u>   | <u> </u>       | _  | <u> </u> |
| ļ        | 13  | 1                                     | $\vdash$ | _        | <u> </u> | ⊢  | $\vdash$   | <del> </del> — | _  |          |
| <b>—</b> | 14  | 1                                     | <u> </u> | <u> </u> | <u> </u> |  | _  | <u> </u>       | <u> </u>   | _        |
| <u> </u> | 15  | V J                                   | -        | _        | -        | ⊢  | <u> </u>   | -              | -  |          |
|          | 10  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |          | _        | _        | H  | -  | <del> </del>   | <u> </u>   |          |
| -        | 10  | 1                                     | _        |          |          |  | ├  | -              | ⊢  |          |
|          | 10  | 7                                     | ┢        | $\vdash$ |          | -  | -  | ├              | ⊢  | ⊢        |
|          | 20  | J                                     | ┝        |          | _        | ╁  | -  | ╌              | -  | ⊢        |
|          | 21  | J                                     | ┝        | ┝        | ┢        | -  | -  | $\vdash$       | ⊢  | H        |
|          | 22  | 1                                     | ⊢        | ├╌       | -        | -  | $\vdash$   | $\vdash$       | $\vdash$   | -        |
|          | 20<br>21<br>22<br>23<br>24  | 1 1 1 1 1                             | -        | $\vdash$ | $\vdash$ | $\vdash$   | ┢  | $\vdash$       | -  | H        |
|          | 24  | V                                     | Н        | -        | $\vdash$ | -  | -  | _              | ┢  | $\vdash$ |
|          | 25  | Ť                                     |          | $\vdash$ | $\vdash$ | <del>                                     </del> | <del>                                     </del> | ┰              | <del>                                     </del> |          |
|          | 25<br>26<br>27  | 1 1 1 1                               |          |          |          |  | 1  |                |  |          |
|          | 27  | 1                                     |          |          |          |  | Τ  | 1              |  |          |
|          | 28<br>29<br>30  | 1                                     |          |          |          |  |  |                |  |          |
|          | 29  | 1                                     |          |          |          |  |  |                |  |          |
|          | 30  | 7 7                                   |          |          |          |  |  |                |  |          |
|          | 31  | 1                                     |          |          |          |  |  |                |  |          |
|          | 31<br>32  | 1                                     |          |          |          |  |  |                |  |          |
|          | 33<br>34  | 7777                                  |          |          |          |  |  |                | 匚  |          |
|          | 34  | 1                                     |          |          |          |  | $\Box$   | Ĺ              | 匚  |          |
|          | 35  | 1                                     | $\Box$   |          |          |  | $oxed{oxed}$                                     |                | $oxedsymbol{oxed}$                               | <u> </u> |
|          | 36<br>37  | 1                                     | $\Box$   | <u> </u> |          | <u> </u>   | <u> </u>   | <u> </u>       | L_   | _        |
|          | 37  | ٧.                                    |          |          | _        | <u> </u>   | <u> </u>   | <u> </u>       | _  | _        |
|          | 38  |                                       |          |          |          | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u> |
|          | 39  | 7                                     |          | _        |          | <u> </u> _                                       | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u> |
|          | 40  |                                       |          | _        | -        | _  | <u> </u>   | <u> </u>       | -  |          |
|          | 41  | 7                                     |          |          | <u> </u> | L  | $\vdash$   | <u> </u>       | -  | _        |
| -        | 42  | 7                                     |          |          | _        | <b> </b>   | <b> </b> -                                       | <u> </u>       | <u> </u>   | <u> </u> |
|          | 43<br>44  | 7                                     |          |          | _        | -  | _  |                | <u> </u>   | -        |
|          | 45  | 7                                     |          |          | _        | <u> </u>   | —  | -              |  |          |
|          | 46  | 1                                     | $\dashv$ |          |          | H  | _  | $\vdash$       | $\vdash$   | $\vdash$ |
|          | 47  | 7                                     | $\vdash$ |          |          | $\vdash$   | -  | -              | _  | -        |
|          | 48  | 1                                     |          | -        |          | -  | -  | H              | -  | $\vdash$ |
|          | 49  | H                                     | $\dashv$ |          |          | $\vdash$   | -  | -              | $\vdash$   | $\vdash$ |
|          | 50  | $\vdash$                              | -        | _        | _        |  | $\vdash$   | $\vdash$       |  | -        |

| _        |          |        |          |  |          |  |  |          |          |            | ,   |       |          |          |          |          |          |          |          |          |          |               |
|----------|----------|--------|----------|--|----------|--|--|----------|----------|------------|-----|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| Cla      | aim      | _      | ,        |  |          | Dat  | e  |          |          | ,          |     | Cla   | im       |          |          |          |          | Dat      | <u>e</u> |          |          |               |
| <u> </u> | Original | 3/3/06 |          | :  |          |  |  |          |          |            |     | Final | Original |          |          |          |          |          |          |          |          |               |
|          | 1        | 1      |          | Г  |          |  |  |          | T        | $\vdash$   | 1   |       | 51       |          |          |          |          | Н        | ┢        | $\vdash$ | 一        | ┢             |
|          | 2        | 1      |          |  |          | 1  | $\vdash$   | T        | t        | $\vdash$   | 1   |       | 52       |          |          | _        | $\vdash$ | $\vdash$ | 1        | $\vdash$ | 一        | 一             |
|          | 3        | 1      | _        |  |          |  | †  | ╁        | 1        | $\vdash$   | 1   |       | 53       | T        | -        | $\vdash$ | ┪        | ┪        | ┢        | $\vdash$ | ╁        | H             |
| _        | 4        | 1      |          | _  |          | <del>                                     </del> | T  | T        |          |            | 1   |       | 54       |          |          |          |          | T        |          | <b>—</b> | 厂        | 一             |
| -        | 5        | 1      |          |  | <u> </u> |  | T  |          | t        | t          | 1   |       | 55       | ┰        |          |          | -        | $\vdash$ | $\vdash$ |          | H        | $\vdash$      |
| _        | 6        | 1      | _        |  |          | T  | t  | H        |          | <b>†</b> – | 1   |       | 56       | $\vdash$ | H        | $\vdash$ | $\vdash$ | $\vdash$ | ┪        | $\vdash$ | $\vdash$ |               |
|          | 7        | 1      | -        | <del>                                     </del> | $\vdash$ | ┢  | 1  | T        | <u> </u> | i –        | 1   |       | 57       | Н        | $\vdash$ | _        | $\vdash$ | $\vdash$ | Н        | $\vdash$ | ┢        | $\vdash$      |
|          | 8        | 1      | $\vdash$ | Т  |          | Т  |  |          | $\vdash$ | $\vdash$   | 1   |       | 58       |          | $\vdash$ | _        | $\vdash$ |          |          | H        | $\vdash$ | H             |
|          | 9        | 7      |          | T  | T        | Ħ  | ┢  |          | T        | t          | 1   |       | 59       | _        | $\vdash$ |          |          |          | Т        |          | $\vdash$ | $\vdash$      |
|          | 10       | 1      |          | 1  | T        | 1  | <del>                                     </del> |          | T        | T          | 1   |       | 60       |          | $\vdash$ |          | $\vdash$ |          | 1        | 1        |          |               |
|          | 11       | 1      |          | _  | Т        |  |  |          | Т        |            | 1   |       | 61       | $\vdash$ | $\vdash$ | _        | _        |          | $\vdash$ | 一        |          | $\vdash$      |
|          | 12       | 1      |          |  | Т        | Т  | Г  |          | T        |            | 1   |       | 62       | _        | _        |          |          |          |          | _        | Н        |               |
|          | 13       | 7      |          | Г  |          |  |  |          |          |            | 1   |       | 63       |          |          |          |          |          | Т        | $\vdash$ | Г        |               |
|          | 14       | 1      |          |  | T        | Т  | Т  |          |          |            | 1   |       | 64       | _        |          |          |          |          |          | $\vdash$ | $\vdash$ | _             |
|          | 15       | 1      |          | Г  |          | П  | Т  | _        | $\vdash$ |            | 1   |       | 65       |          |          |          |          |          | -        | _        | Г        |               |
|          | 16       | 1      |          |  |          |  | Г  | $\vdash$ | T        |            | 1   |       | 66       |          |          |          | $\vdash$ | $\vdash$ | -        | $\vdash$ |          | $\vdash$      |
|          | 17       | 7      |          |  |          |  |  |          |          |            | 1   |       | 67       |          |          | _        | $\vdash$ | ·        | $\vdash$ |          |          |               |
|          | 18       | 1      |          |  |          |  |  |          |          |            | 1   |       | 68       |          |          |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          |               |
|          | 19       | 1      |          | Г  |          | _  |  | $\vdash$ | Г        | Т          | 1 1 |       | 69       |          |          |          |          | _        | $\vdash$ |          |          | Г             |
|          | 20       | 1      |          |  |          |  |  |          |          |            |     |       | 70       |          |          |          |          |          |          |          |          |               |
|          | 21       | 1      |          |  |          | T  |  | T        | T        |            | i   |       | 71       |          |          |          | $\vdash$ | <u> </u> | $\vdash$ | ┢        |          |               |
|          | 22       | 1      |          | _  |          |  | Т  |          |          |            |     |       | 72       |          |          |          |          | $\vdash$ | _        | Г        |          | Г             |
|          | 23       | 1      |          |  |          |  |  |          |          |            | 1   |       | 73       |          |          |          |          |          |          |          |          |               |
|          | 24       | 1      |          |  |          |  |  |          |          |            | 1   |       | 74       |          |          |          |          |          | $\vdash$ |          | П        |               |
|          | 25       | 1      |          |  |          |  |  |          |          |            |     |       | 75       |          |          |          |          |          |          |          |          |               |
| $\neg$   | 26       | 1      |          |  |          |  |  |          |          |            | 1   |       | 76       |          |          |          |          |          |          |          |          |               |
|          | 27       | 1      |          |  |          |  |  |          |          |            | 1   |       | 77       |          |          |          |          |          |          |          | П        |               |
|          | 28       | 1      | _        |  | П        |  |  |          |          |            | ·   |       | 78       |          |          |          |          |          |          |          | П        | $\overline{}$ |
| ٦        | 29       | 1      |          |  |          |  |  |          |          |            |     |       | 79       |          |          |          |          |          |          |          | П        |               |
|          | 30       | 1      |          |  |          |  |  |          |          |            |     |       | 80       |          |          |          |          |          |          |          |          |               |
| T        | 31       | 1      |          |  |          |  |  |          |          |            | 1   |       | 81       |          |          |          |          |          |          |          |          |               |
| T        | 32       | 1      |          |  |          |  |  |          |          |            | 1   |       | 82       |          |          |          |          |          |          |          | П        |               |
|          | 33       | 1      |          |  |          |  |  |          |          |            | 1 1 |       | 83       |          |          |          |          |          |          |          | П        |               |
| ٦        | 34       | 1      |          |  |          |  |  |          |          |            |     | T     | 84       |          |          |          |          |          |          |          |          |               |
|          | 35       | 1      |          |  |          |  |  |          |          |            |     |       | 85       |          |          |          |          |          |          |          |          | П             |
|          | 36       | 1      |          |  |          |  |  |          |          |            |     |       | 86       |          |          |          |          |          |          |          |          | П             |
|          | 37       | 7      |          |  |          |  |  |          |          |            |     |       | 87       |          |          |          |          |          |          |          |          |               |
|          | 38       | 1      |          |  |          |  |  |          |          |            | ] [ |       | 88       |          |          |          |          |          |          |          |          |               |
|          | 39       | 1      |          |  |          |  |  |          |          |            | ] [ |       | 89       |          |          |          |          |          |          |          |          |               |
|          | 40       | 1      |          |  |          |  |  |          |          |            |     |       | 90       |          |          |          |          |          |          |          |          |               |
|          | 41       | 1      |          |  |          | ,  |  |          |          |            | ] { |       | 91       |          |          |          |          |          |          |          |          |               |
|          | 42       | √      |          |  |          |  |  |          |          |            |     |       | 92       |          |          |          |          |          |          |          |          |               |
| J        | 43       | √      |          |  |          |  |  |          |          |            |     |       | 93       |          |          |          |          |          |          |          |          |               |
| $\Box$   | 44       | √      |          |  |          |  |  |          |          |            |     |       | 94       |          |          |          |          |          |          |          |          |               |
|          | 45       | 1      |          |  |          |  |  |          |          |            |     |       | 95       |          |          |          |          |          |          |          |          |               |
|          | 46       | 1      |          |  |          |  |  |          |          |            |     |       | 96       |          |          |          |          |          |          |          |          |               |
|          | 47       | 1      |          |  |          |  |  |          |          |            |     |       | 97       |          |          |          |          |          |          |          |          | $\Box$        |
|          | 48       | 1      |          |  |          |  |  |          |          |            |     |       | 98       |          |          |          |          |          |          |          |          |               |
| $\Box$   | 49       |        |          |  |          |  |  |          |          |            |     |       | 99       |          |          |          |          |          |          |          |          |               |
| $\Box$   | 50       |        |          |  |          |  |  |          |          |            | [   |       | 100      |          |          |          |          |          |          |          |          |               |
|          |          |        |          |  |          |  |  |          |          |            |     |       |          |          |          |          | _        |          | _        |          |          | _             |

| Claim    |  | Date               |          |              |          |          |          |          |              |          |  |
|----------|--|--------------------|----------|--------------|----------|----------|----------|----------|--------------|----------|--|
| Final    | Original                               |                    |          |              |          |          |          |          |              |          |  |
|          | 101                                    |                    | -        | $\vdash$     | ┢        | -        |          |          |              | Н        |  |
|          | 102                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 101<br>102<br>103                      |                    | _        |              |          |          |          |          |              |          |  |
|          | 104<br>105<br>106                      | _                  | L        | <u> </u>     |          |          | _        |          | L            | Ш        |  |
|          | 105                                    | _                  |          | ▙            |          | ļ        | <u> </u> | <u> </u> | <b>!</b> —   | Ш        |  |
|          | 105                                    |                    | -        | ⊢            | ┢        |          | ⊢        | ├-       | -            | $\vdash$ |  |
|          | 107<br>108                             |                    | ┝        | ┢            | ├        | ├        |          | ⊢        | ⊢            | Н        |  |
|          | 109                                    |                    | ┝        | <del> </del> | $\vdash$ |          |          |          |              | Н        |  |
|          | 110                                    | _                  | ┢        |              | $\vdash$ |          | Т        | $\vdash$ | $\vdash$     |          |  |
|          | 111                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 112                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 113                                    |                    | <u> </u> |              |          |          |          |          |              |          |  |
|          | 114                                    |                    | <u> </u> | _            | <u> </u> | <u> </u> | L        | _        | _            | Ш        |  |
|          | 112<br>113<br>114<br>115<br>116<br>117 | _                  | _        | -            | _        | _        | _        | <u> </u> |              | Н        |  |
|          | 110                                    |                    | H        | -            | $\vdash$ | -        | $\vdash$ | ┝        | -            | $\vdash$ |  |
|          | 118                                    |                    | -        | _            |          | _        | -        | $\vdash$ | ⊢            | Н        |  |
|          | 118<br>119                             | _                  | $\vdash$ | $\vdash$     | $\vdash$ | ┢        | -        | $\vdash$ | <del> </del> | Н        |  |
|          | 120                                    |                    |          | $\vdash$     |          | $\vdash$ |          |          | $\vdash$     | $\vdash$ |  |
|          | 121                                    |                    |          |              |          |          | _        |          | $\vdash$     |          |  |
|          | 122                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 123                                    |                    |          |              |          |          | L.       |          |              |          |  |
|          | 120<br>121<br>122<br>123<br>124<br>125 | $\Box$             | _        | <u> </u>     | <u> </u> | <u> </u> | _        |          |              | Ш        |  |
|          | 125                                    |                    |          | <u> </u>     | _        | <u> </u> | $\vdash$ | <u> </u> | _            | $\dashv$ |  |
|          | 120                                    | _                  |          | _            | _        |          | -        | -        |              | -        |  |
|          | 126<br>127<br>128                      | -                  |          | -            | $\vdash$ | $\vdash$ | ┝        | -        | -            | -        |  |
|          | 129                                    |                    | _        |              | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\dashv$ |  |
|          | 130                                    | $\neg$             |          | $\vdash$     |          |          | $\vdash$ | $\vdash$ |              | $\Box$   |  |
|          | 129<br>130<br>131                      |                    |          |              |          |          |          |          |              |          |  |
|          | 132                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 132<br>133<br>134                      | _                  |          |              |          |          | Ш        | _        | $oxed{\Box}$ | Ш        |  |
|          | 134                                    | _                  |          |              | -        | _        | L        | _        | <u> </u>     | $\vdash$ |  |
|          | 135<br>136                             | $\dashv$           |          | _            | -        |          | _        | -        | $\vdash$     | $\vdash$ |  |
|          | 137                                    | $\dashv$           |          |              | _        | -        |          | -        | -            | $\vdash$ |  |
|          | 138                                    | $\dashv$           |          |              |          |          |          | Н        |              |          |  |
|          | 139                                    | $\dashv$           |          |              |          | Т        | Т        |          |              | $\vdash$ |  |
|          | 140                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 141                                    |                    |          |              |          |          |          |          |              |          |  |
|          | 142                                    | _                  |          | Щ            |          |          |          |          | Ш            | Ш        |  |
|          | 143                                    |                    |          | _            |          |          | ļ.,      | <u> </u> | Ш            | Ш        |  |
|          | 144<br>145                             | _                  | -        | $\vdash$     |          | _        | _        | H        |              |          |  |
|          | 146                                    | -                  |          | Н            |          |          | $\vdash$ | -        | $\vdash$     | $\vdash$ |  |
| $\dashv$ | 147                                    | $\dashv$           |          | _            | _        |          | -        |          | -            | $\dashv$ |  |
|          | 148                                    | $\overline{\cdot}$ |          |              |          |          | _        |          | $\vdash$     | $\dashv$ |  |
|          | 149                                    | $\dashv$           |          |              |          |          |          |          |              | $\dashv$ |  |
|          | 150                                    |                    |          |              |          |          |          |          |              |          |  |
|          |  |                    |          |              |          |          |          |          |              |          |  |